

What is claimed is:

1. A server apparatus comprising:

31 means for receiving a mail from a communication terminal; internet FAX

Fig 3 5 32 means for analyzing the received mail so as to extract capability information included in said mail; and

33 capability information storing means for storing said capability information extracted by said extracting means to be made to correspond to communication terminal specific information specifying a communication terminal.

2. The apparatus according to claim 1, wherein said communication terminal ^{has} specific information a mail address, which is allocated to the communication terminal, is an ID number, a telephone number, a name, URL or an IP address.

3. The apparatus according to claim 1, further comprising:

means for recognizing communication terminal specific information specifying the communication terminal of a recipient of a mail to which an image file is attached so as to obtain recipient's capability information corresponding to said communication terminal specific information from the content which said capability information storing means stores; and

converting means for converting said image file to an image file suitable for said recipient's capability

~~information.~~

4. The apparatus according to claim 1, further comprising means for transferring data to the other server so as to register data when the volume of the image
5 file converted by said converting means is more than a default value.

5. The apparatus according to claim 3, further comprising means for transmitting a mail notifying that data has been transferred to the other data to the
10 recipient of the mail to which the image file is attached so as to notify the transfer result.

6. The apparatus according to claim 1, further comprising:

means for recognizing communication terminal
15 specific information specifying the communication terminal of a recipient of a mail to which an image file is attached so as to obtain recipient's capability information corresponding to said communication terminal specific information from the content which said
20 capability information storing means stores; and

means for determining whether or not said image file is suitable for said recipient's capability information so as to transfer said image file to the other server and register said image file when said image file is not
25 suitable for said recipient's capability information.

7. The apparatus according to claim 6, further comprising means for transmitting a mail notifying that

data has been transferred to the other data to the recipient of the mail to which the image file is attached so as to notify the transfer result.

8. The apparatus according to claim 1, further
5 Comprising means for updating the content, which said capability information storing means stores, to newly obtained capability information when said capability information storing means receives the mail including capability information of the communication terminal
10 which has already stored capability information.

9. The apparatus according to claim 1, wherein said capability information storing means is a table for storing capability information to be made to correspond to communication terminal specific information.

15 10. A server apparatus comprising:

mail server means for receiving a mail from a
20 communication terminal and transmitting the mail to the other communication terminal; and

means for determining whether or not said mail
20 includes capability information when receiving said mail, and extracting and storing said capability information when said mail includes capability information.

Fig2 N 11. An internet facsimile apparatus comprising:
means for scanning an original so as to obtain image
25 data;

means for converting said image data to a mail so as to transmit said mail over the internet or a local area

network; and

means for obtaining capability information of the internet facsimile, generating a capability information notification mail including said capability information, and transmitting said capability information notification mail, thereby notifying said server apparatus of said capability information.

12. The apparatus according to claim 11, wherein said capability information notification mail generating and transmitting means generates a capability information notification mail when power is turned on.

13. The apparatus according to claim 11, wherein said capability information notification mail generating and transmitting means generates a capability information transmitting mail in accordance with an operator's instruction.

14. A method for exchanging capability of a communication terminal, comprising the steps of:
 ST1201 receiving a mail from a communication terminal;
 ST1202 analyzing the received mail so as to extract capability information included in said mail; and
 ST1203 storing said extracted capability information to be made to correspond to communication terminal specific information specifying a communication terminal.

15. The method according to claim 14, wherein said communication terminal specific information is a mail address, which is allocated to the communication terminal,

an ID number, a telephone number, a name, URL or an IP address.

16. The method according to claim 14, further comprising the steps of:

5 recognizing communication terminal specific information specifying the communication terminal of a recipient of a mail to which an image file is attached;

obtaining recipient's capability information corresponding to said communication terminal specific
10 information from the content which said capability information storing means stores; and

converting said image file to an image file suitable for said recipient's capability information.

Re → 17. The method according to claim 14, further
15 comprising the step of transferring data to the other server so as to register data when the volume of the image file converted by said converting means is more than a default value.

18. The method according to claim 14, further
20 comprising the step of transmitting a mail notifying that data has been transferred to the other data to the recipient of the mail to which the image file is attached so as to notify the transfer result.

19. The method according to claim 14, further
25 comprising the steps of:

recognizing communication terminal specific information specifying the communication terminal of a recipient of

a mail to which an image file is attached;

obtaining recipient's capability information
corresponding to said communication terminal specific
information from the content which said capability
5 information storing means stores; and

determining whether or not said image file is
suitable for said recipient's capability information so
as to transfer said image file to the other server and
register said image file when said image file is not
10 suitable for said recipient's capability information.

20. The method according to claim 19, further
comprising the step of transmitting a mail notifying that
data has been transferred to the other data to the
recipient of the mail to which the image file is attached
15 so as to notify the transfer result.

21. The method according to claim 14, further
comprising the step of updating the content, which said
capability information storing means stores, to newly
obtained capability information when said capability
20 information storing means receives the mail including
capability information of the communication terminal
which has already stored capability information.

22. A computer-readable storage medium storing a
computer-executable program code therein, said program
25 code comprising:

means for instructing said computer to receive a
mail from a communication terminal;

means for instructing said computer to analyze said received mail and to extract capability information included in said mail; and

means for instructing said computer to store said
5 extracted capability information to be made to correspond to communication terminal specific information specifying a communication terminal.

23. A computer-readable storage medium storing a computer-executable program code therein, said program
10 code comprising:

means for instructing said computer to recognize communication terminal specific information specifying a communication terminal of a recipient of a mail to which an image file is attached;

15 means for instructing said computer to obtain recipient's capability information corresponding to said communication terminal specific information from the content which said capability information storing means stores; and

20 means for instructing said computer to determine whether or not said image file is suitable for said recipient's capability information so as to transfer said image file to the other server and register said image file when said image file is not suitable for said
25 recipient's capability information.

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